

CLASS – 4TH

CLASSES REQUIRED	24 teaching periods
TOPIC	Geometry and Measurements
CONCEPT & SKILLS	<p>Different types of lines (line segment, line & ray), angles. Shapes made of line segments (triangles and quadrilaterals). Circle and its different parts Measurement of length, weight and capacity: Measurement of length. Relationship between centimetre, metre and kilometre. Addition and subtraction of length, identifying symmetrical & non symmetrical shapes. Measurement of weight. Relationship between gram and kilograms. Conversion of weight. Addition and subtraction of weight. Measurement of capacity. Relationship between litre and millilitre. Conversion of capacity. Word problems related to length, weight and capacity. Addition and subtraction of capacity.</p> <p>SKILLS: Students will learn different types of shapes, find their dimensions, weight and capacity and to apply it in real day to day life.</p>
LEARNING OUTCOMES	Recognition of different types of lines. Identify different shapes made of different line segments. To draw circle and identify symmetrical & non symmetrical shapes. Conversion of units of length, weight and capacity.
INSTRUCTIONAL TOOLS & REFERENCES	Judo Straws & Text book. Soft drink bottles & Text book.
PEDAGOGY	Concept formation ,Brain storming, Concept mapping, Random questioning
ACTIVITY / ASSIGNMENT / RESEARCH	Making different shapes with the help of judo straws. Measuring the length ,weight and capacity of soft drink bottle.
ASSESSMENT	Different types of lines, shapes of different line segments. Length, weight and Capacity
SYLLABUS FOR FORMATIVE & SUMMATIVE ASSESSMENT	<p>Formative assessment: Different types of lines (line segment, line & ray), angles. Shapes made of line segments (triangles and quadrilaterals). Circle and its different parts Measurement of length, weight and capacity: Measurement of length. Relationship between centimetre, metre and kilometre. Addition and subtraction of length, identifying symmetrical & non symmetrical shapes</p> <p>Summative assessment: Different types of lines (line segment, line & ray), angles. Shapes made of line segments (triangles and quadrilaterals). Circle and its different parts Measurement of length, weight and capacity: Measurement of length. Relationship between centimetre, metre and kilometre. Addition and subtraction of length, identifying symmetrical & non symmetrical shapes. Measurement of weight. Relationship between gram and kilograms. Conversion of weight. Addition and subtraction of weight. Measurement of capacity. Relationship between litre and millilitre. Conversion of capacity. Word problems related to length, weight and capacity. Addition and subtraction of capacity</p>